

## INTERNATIONAL SEARCH REPORT

Int. Application No

PCT/EP 03/04458

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 E21B43/02 E21B33/138

Rec'd PCT/EP 08 SEP 2004

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 047 409 A (CHEVRON RESEARCH COMPANY) 2 November 1966 (1966-11-02) page 1, line 7 - line 45 page 2, line 3 - line 47 page 4, line 45 - line 60; examples 1-4	1-3
Y	WO 97 20129 A (SHELL INT RESEARCH ; SHELL CANADA LTD (CA)) 5 June 1997 (1997-06-05) cited in the application page 6, line 1 - line 14; claims 1-3	1-3
Y	EP 0 826 865 A (HALLIBURTON ENERGY SERV INC) 4 March 1998 (1998-03-04) column 5, line 33 - column 6, line 48 claims 13,5-7,9	1-3
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

5 August 2003

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12/08/2003

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 864 726 A (HALLIBURTON ENERGY SERV INC) 16 September 1998 (1998-09-16) column 3, line 36 -column 4, line 50; claims 1,8 -----	1-3

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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